Shreesh Karjagi

805345719

**Report project 2**

1. I had initialized the price value at the top as suggested by the professor, but I had structured my code with the if statements calculating price after the *cin* statements, and so ‘*lines’* had not been entered this messed up my calculations, so I changed my code to first take the inputs and with the error statements, and then the calculations after.

Also my price value wasn’t in the form of $\_\_\_.00, and I looked at the lecture slides and found the cout.setf and cout.precision that helped me format the price

I also wrote down notes as I coded to help me follow my code, which I didn’t do in project 1.

b)

* (Unlimited lite, Yes, Yes, 2, 20) - to check if first error was displayed and the program quit.
* (Unlimited Elite, yes, Yes, 2, 20) - to check if 2nd error was displayed and the program quit.
* (Unlimited Elite, Yes, yes, 2, 20) - to check if 3rd error was displayed and the program quit.
* (Unlimited Elite, Yes, Yes, 4, 20) - to check if 4th error was displayed and the program quit.
* (Unlimited Elite, Yes, Yes, 2, 50) - to check if 5th error was displayed and the program quit.

I also checked for other cases (which gave no error), to verify that the price calculated by my program was correct and matched the values given by the sample calculator provided by Prof Stahl.

Such as;

* (Prepaid, Yes, Yes, 2, 10)
* (Prepaid, Yes, No, 1, 20)
* (Unlimited Elite, No, No, 3, 12)